Diamond Glass DGH User Manual

Ultrasonic Function

Heat and Cold Therapy

Diamond Microdermabrasion Function

Package Included

Diamond Dermabrasion Machine X 1
PVC vacuum hose 6*4 X 1
Stainless steel wands X 3
Diamond tips X 9
Cotton filter X 2 packages (1big, 1 small)
Ultrasonic probe X 2 (flat and pointed)
Heat and Cold Therapy Treatment Handpiece X1
Rubber rings and fuses
Full detailed English manual/ instructions

Specifications

Voltage: 220V-240V/50Hz □
100V-120V/60Hz □
Power: 65W **Fuse:** 3A
Packing Size: 37.5* 36.5* 29.5cm
G.W: 8kg

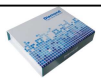
Midwest Medical, LLC 3116-C West Montgomery Rd. Suite 166 Maineville, OH 45039
800-264-1829 513-842-7823 (fax) info@midwest.us.com www.midwest.us.com

Diamond Microdermabrasion Treatment

※ Diamond Function

The Diamond Microdermabrasion provided a non-surgical skin refinish procedure, by using sterile diamond heads to abrade or rub off the top skin layer, then Vacuuming out the particles along with any dirt and dead skin back up. This procedure removes skin debris, imperfections, blemishes, wrinkles and unwanted pigmentation on the skin. Moderate usage of Diamond Microdermabrasion, accompany with skin products that penetrate through top skin layer that reach the dermis level, helps to replenish natural nutrients, restore cell activity, and promote skin health. The results after Diamond Microdermabrasion treatment is usually a healthy, glowing, beautiful skin.

※Diamond Accessories

PVC hose ×1	Rubber rings & Fuses	Big cotton filter ×1 pack	Small cotton filter ×1 pack
 Color Box open	Stainless steel wands ×2 Diamond tips ×9		

※ Diamond Preparation before treatment

1. A consultation included the examination of the skin, a plan for treatment.
2. Operator should wear vinyl gloves and a facemask.
3. On oily or acne skin, a steamer may be used prior to the treatment, or a degreasing lotion may be applied prior to the cleanser.
4. Cleansing the skin with Cleansing gel or water, then wipe off with cotton pad. Allow the skin to dry.

※ Diamond Operating Instruction

(1) Please first connect all accessories to the machine.

	1) Unscrew the vacuum connector, make sure a big cotton filter is in the center & a large black ring is around connector head.
	2) Screw down the connector after check. Then attach the PVC hose to the connector.
	3) Place the other end of PVC hose in the end of wand.
	4) Place a small cotton filter on the head of wand. (see, a small black ring is around the head)
	5) Screw the diamond tip into the wand (choose proper size tip for customer, see behind diagram of tips set)

(2)- Put the plug into the power socket and turn on the power button. Turn the intensity knob to left side (minimum).

(3)- Adjust the vacuum intensity slowly from minimum to maximum, the vacuum meter will show the data of pressure. For commonly use, do not set the intensity to maximum unless necessary.

Recommended Vacuum intensity on treatment area

Treatment Area	Normal Skin (inHg)	Sensitive Skin (inHg)
Face	12-22	8-12
Forehead	12-22	10-12
Chest	15-20	15-18
Nose	10-15	10-14
Neck	18-18	10-15
Near Eye Area	8-12	8-10

(4)- Treatment Schedule Table

Treatment	Frequency (days)	Total Visits
Face Peeling	6-10	3-5
Fine Lines	7-13	6-8
Neck	12-14	3-5
Acne Scars	7-12	8-10
Hyperpigmentation	7-12	8-10

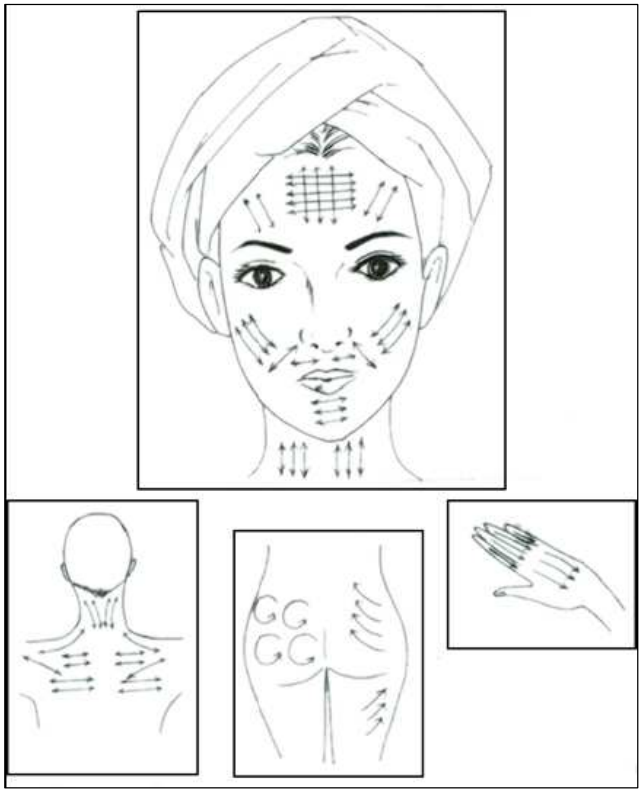
(5)- Place the diamond head on skin surface (start from forehead), proceed with a slow sliding motion. Do not leave the diamond tip at one spot for too long, doing so will cause harm to the skin.

(6)- Gently stretch the skin with thumb and finger and glide the Hand-piece 2 to 3 times over the area being treated. Then cross again in different directions to prevent streaking lines as in the reference picture. Brush strokes or polishing motions may be used in different sites. (See behind **diagram of suggested movements and areas**)

(7)- After treatment, brush off all remaining dead skin with a soft brush and rinse with damp sponges or damp cool towel.

(8)- Allow skin to dry then apply desired skin product.

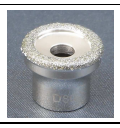
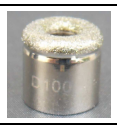
(9)- To clean the Diamond Head, should use brush with water to clean diamond heads, after the cleaning, put it into the solution consist of 75% alcohol for 15 minutes, then take it out and wipe it to complete dry. Put it into the ultraviolet radiation sterilizer for next using.



(Right Photo)
DIAGRAM OF SUGGESTED MOVEMENTS AND AREAS FOR DERMABRASION

Diagram of Diamond Dermabrasion Tips & Wands Set

3 stainless steel wands which are used with 9 interchangeable diamond tips.

1		D80	Body. Especially for acne, knee, elbow areas and striae of pregnancy.
2		D100,D120	Face. For the larger blemishes.
3		D150,D180,D220	For Scars, fine lines and imperfections.

4		D160,D180	Used on the eyes and both sides of nose. For wrinkles, oil tablets, blackhead and acne.
5		Smooth Tip	After the D tips peeling procedure, use this smooth tip to vacuum/clear away the dead abraded skin.

1- The higher the D number, the finer the grit.
2- To clean the Diamond Head, should use brush with water to clean diamond heads, after the cleaning, put it into the solution consist of 75% alcohol for 15 minutes, then take it out and wipe it to complete dry. Put it into the ultraviolet radiation sterilizer for next using.
3- Replace the big cotton filter inside the vacuum connector after every five to six treatment.
4- Replace the small cotton filter on the wand head after every treatment.

※ Diamond Safety Warning

Important Notice of Caution before using this machine:

Never operate this equipment on a person has or suffers from the following medical conditions described below. (The salon or operator may consider having a client sign a waiver to the effect that he/she is free of any poor health conditions.)

1. Heart Disease
2. Heart Murmur or Irregular Heart Rate
3. Has a Pacemaker or other type of heart rate balancer.
4. Pregnancy
5. Epilepsy
6. Alcoholism
7. Ulcers
8. Disease of Stomach, Intestine, Liver, or Pancreas.
9. Breast Cancer.
10. Undergoing treatment for any form of Cancer.
11. Had major surgery within the past year.
12. Asthma
13. Cold, Flu, or Upset Stomach
14. Any serious illness or disease not listed above.

Do not use on these areas:

1. Sensitive Skin
2. Skin Rash
3. Damaged, Inflamed, or Infected Skin.
4. Surgical scar less than 12 months old.
5. Skin Swollen.
6. The probes can not point to Eye ball.
7. Genitals.

1. Always begin treatment conservatively and observe the effects by the touch and appearance of

the skin. A vacuum power that is too high or too big may cause an inflammatory response.
2. Edema and erythema can occur following treatment, but will resolve in few hours.
3. Overly aggressive techniques can cause mild flaking over the next 3-4 days. Epidermis that is treated too aggressively can lead to bleeding in the superficial dermis.
4. Diamond Dermabrasion should not be used on sensitive areas such as eyelids. The eyelids should be closed at all times during the procedure and may be covered with damp cotton pads.
5. The following areas are considered inappropriate for treatment: Skin tumor, moles, birthmark, angioma, lips, eyes, herpes, skin cancer, and liver spots.
6. Do not modify or attempt to repair the machine, contact the technician for maintenance.

※ Diamond Trouble Shooting
If the machine does not function properly, please follow these procedures before requesting maintenance.
1. Low suction power/ low vacuum pressure:
Please check again the vacuum hose should be connected well to the socket and then hand pieces. And then turn the Vacuum Regulator to the maximum, and then start the Diamond Dermabrasion, and then use finger to block the hole of the hand pieces. Normally the vacuum Gauge can reach the 24 inch Hg.
If you cannot settle the problem finally, please contact your distributor. Don't open the machine by yourself without the technician guidance.
2. No response when turn on the power.
Please exchange the fuse. And connect the power cord correctly. If cannot settle the problem, please contact to your distributor.

Ultrasonic Treatment

※ Ultrasonic Function
Ultrasonic utilizes sonic vibrations; it works one million times per second (1 MHz). The ultrasonic wave could stimulate skin tissue and improve permeability of the membrane to promoted collagen tissue, reduced wrinkle and invisible appeared fine line, also lift the skin result for younger and healthy look. Ultrasonic generate frictional heat which accelerate blood circulation, muscle relaxation, and decompose the cellulite to break down exceed fat.

※Ultrasonic Accessories

Face Electrode (flat head)×1
Eye Electrode (pointed head)×1
(Remove the light green rubber covers before use)

※ Ultrasonic Preparation before treatment

1- Before beginning Ultrasound make sure the skin in cleansed, and then apply an appropriate gel, serum, or cream for the appropriate skin type or condition. Make sure the product has some slip to it.
2- Choose the pointed or flat head. Use pointed head for around the eyes, and the flat head for the face and neck.

※ Ultrasonic Operating Instruction

1) Connect the face or eye electrode into “12 Ultrasonic Output”;
2) Press "1 Ultrasonic Main Power" and turn on "5 Ultrasonic Power”;
3) Press "3 Ultrasonic Hold/Start" to start;
4) Choose "4 Pulse/Continuous Wave Select";
5) Adjust “6 Ultrasonic Intensity Up/Down” for the intensity you want;
Intensity levels are 0-9, from minimum 0 to maximum 1.8 Watts/cm. Each level is 0.2 Watts/cm. For Facial work, low to mid intensity is recommended (0-4). For Body work, mid to maximum intensity is
recommended (5-9).
6) Turn off “5 and 1 power buttons” after use.
7) Disconnect the power cord after use, then disconnect and clean accessories.

※Caution

1) Never left the ultrasonic probe on output position without working on the skin, otherwise it will easily get burned inside.
2) Don’t let the ultrasonic probe over heated and overloaded, make the next treatment until the probe cools down.

※Ultrasonic Safety Warning

1- Do not treat eyelid directly. Treat just below the eyebrow and brow bone.
2- Never stop the electrode on the skin in one spot.
3- Always keeps the electrode moving across the skin.
4- Never point the electrode towards chest area.
5- Clean lightly the popping head with cotton. Do not rinse it with water. Be careful not to drop or crash.
6- Pregnant, patients with disease of blood vessel, heart, skin, bleeding & trauma are prohibited to use ultrasonic.
People with abnormal kidney, liver disease are not suitable for this function.

Heat and Cool Treatment

1. Connect the hot & cold plug to the machine; please note the socket is in the “Hot & Cold” Area.
2. Start the machine: To turn on the machine, press the “on” button. And then start the

hot & cold treatment function.
3. Please wait 3 minutes, and then you can apply the treatment. For the machine need time to warming up or cool down the treatment probe.
4. Normally one treatment program is about 5 ~10 minutes. Please note that do not stay in one treatment place over time when applying the treatment to avoid any hurt caused by cool head.
5. After treatment, please turn off the machine and then pull out the plug, make clean the probe.

***** Please clean the treatment probe before treatment and after treatment.**